

# Maintenance & Construction Vehicles



Out of 63,364 total crashes, one or more maintenance or construction vehicles were involved in:

472 crashes (all types)  
4 fatal crashes  
152 injury crashes  
316 property damage crashes

1 occupants were killed, or 00.22% of all fatalities  
47 occupants were injured, or 00.13% of all injuries

## Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Maintenance & Construction Vehicles		All Others	
	Number	Percent	Number	Percent
Fatal	1	25.00%	3	75.00%
Major	8	28.57%	20	71.43%
Minor	20	28.57%	50	71.43%
Possible	19	19.79%	77	80.21%
Unknown	0	0.00%	2	100.00%
Total	48	24.00%	152	76.00%

This chart compares injury severity of maintenance and construction vehicle occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved maintenance and construction vehicles.

## Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	1	100.00%	8	17.02%
Lap Belt	0	0.00%	5	10.64%
Lap & Shoulder Belt	0	0.00%	25	53.19%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	1	2.13%
Motorcycle Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	8	17.02%
Total	1	100.00%	47	100.00%

## Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	5	10.64%
Male	1	100.00%	42	89.36%
Unknown	0	0.00%	0	0.00%
Total	1	100.00%	47	100.00%

## Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	40	85.11%
Front Seat Passenger	0	0.00%	3	6.38%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	1	100.00%	3	6.38%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	1	2.13%
Total	1	100.00%	47	100.00%

## Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
<b>Under Age 21</b>				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	0	0.00%
<b>All Ages</b>				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	3	6.38%
25 to 34	1	100.00%	10	21.28%
35 to 44	0	0.00%	11	23.40%
45 to 54	0	0.00%	15	31.91%
55 to 64	0	0.00%	4	8.51%
65 to 74	0	0.00%	2	4.26%
75 & Over	0	0.00%	0	0.00%
Unknown	0	0.00%	2	4.26%
Total	1	100.00%	47	100.00%

Under age 21 percentages based on total for all ages.

## Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	11	23.40%
Lower Torso	0	0.00%	1	2.13%
Internal	0	0.00%	0	0.00%
Head	0	0.00%	11	23.40%
Arms	0	0.00%	1	2.13%
Legs	0	0.00%	2	4.26%
Multiple	1	100.00%	17	36.17%
Other/Unknown	0	0.00%	4	8.51%
Total	1	100.00%	47	100.00%

# Maintenance & Construction Vehicles

## Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	11	2.45%
Male	4	100.00%	433	96.44%
Unknown	0	0.00%	5	1.11%
Total	4	100.00%	449	100.00%

## Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
<b>Under Age 21</b>				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	1	0.22%
17	0	0.00%	1	0.22%
18	0	0.00%	2	0.45%
19	0	0.00%	5	1.11%
20	0	0.00%	3	0.67%
Total Under 21*	0	0.00%	12	2.67%
<b>All Ages</b>				
14 & Under	0	0.00%	0	0.00%
15 to 24	1	25.00%	43	9.58%
25 to 34	0	0.00%	109	24.28%
35 to 44	2	50.00%	119	26.50%
45 to 54	1	25.00%	109	24.28%
55 to 64	0	0.00%	50	11.14%
65 to 74	0	0.00%	9	2.00%
75 & Over	0	0.00%	2	0.45%
Unknown	0	0.00%	8	1.78%
Total	4	100.00%	449	100.00%

Under age 21 percentages based on total for all ages.

## Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	4	100.00%	221	47.02%
Turning Left	0	0.00%	30	6.38%
Turning Right	0	0.00%	17	3.62%
Making U-Turn	0	0.00%	3	0.64%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	10	2.13%
Merging	0	0.00%	3	0.64%
Parking	0	0.00%	3	0.64%
Slowing/Stopping	0	0.00%	13	2.77%
Backing	0	0.00%	65	13.83%
Stopped for Sign/Signal	0	0.00%	12	2.55%
Stopped in Traffic	0	0.00%	10	2.13%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	20	4.26%
Improperly Parked	0	0.00%	3	0.64%
Unattended Moving Vehicle	0	0.00%	2	0.43%
Other	0	0.00%	28	5.96%
Unknown	0	0.00%	30	6.38%
Total	4	100.00%	470	100.00%

## Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	4	100.00%	408	90.87%
Physical Defect	0	0.00%	1	0.22%
Fatigue	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	1	0.22%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	1	0.22%
Infirmities of Age	0	0.00%	1	0.22%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	2	0.45%
Drugs	0	0.00%	2	0.45%
Other	0	0.00%	2	0.45%
Unknown	0	0.00%	31	6.90%
Total	4	100.00%	449	100.00%

## Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	4	100.00%	200	39.29%
Ran Traffic Signal	0	0.00%	4	0.79%
Ran Stop Sign	0	0.00%	4	0.79%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	2	0.39%
Left of Center, Not Passing	0	0.00%	2	0.39%
FTYROW at Intersection	0	0.00%	0	0.00%
FTYROW from Stop Sign	0	0.00%	22	4.32%
FTYROW from Yield Sign	0	0.00%	2	0.39%
FTYROW Making Left Turn	0	0.00%	5	0.98%
FTYROW from Driveway	0	0.00%	4	0.79%
FTYROW from Parked	0	0.00%	2	0.39%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	5	0.98%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	3	0.59%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	5	0.98%
Improper Lane Change	0	0.00%	9	1.77%
Following Too Close	0	0.00%	9	1.77%
No/Improper Signal	0	0.00%	2	0.39%
Disregarded Railroad Signal	0	0.00%	2	0.39%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	36	7.07%
Illegal/Improper Parking	0	0.00%	2	0.39%
Failure to Control Vehicle	0	0.00%	30	5.89%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	18	3.54%
Confused	0	0.00%	1	0.20%
Vision Obscured	0	0.00%	24	4.72%
Oversized/Loaded Vehicle	0	0.00%	7	1.38%
Inexperienced Driver	0	0.00%	2	0.39%
Other	0	0.00%	41	8.06%
Unknown	0	0.00%	66	12.97%
Total	4	100.00%	509	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.  
FTYROW—Failure to Yield Right-of-Way.